

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

13 JANUARY 1977

BOARD OF GOVERNORS

The regular meeting of the Board of Governors was held Friday, 7 January. The following items were among those considered.

Vice-Presidency (Academic)

Members of the Board enthusiastically accepted the withdrawal of M. Horowitz's resignation.

J.D. Muir Research Fund

The Board of Governors authorized the establishment of the J.D. Muir Research Fund.

The fund has been established in honor of the late professor who died on 30 April 1976 shortly before he was to become the Dean of the Faculty of Business Administration and Commerce. Dr. Muir, who joined the University in 1964, was seconded to the University of Nairobi in Kenya and served as the Dean of Commerce there.

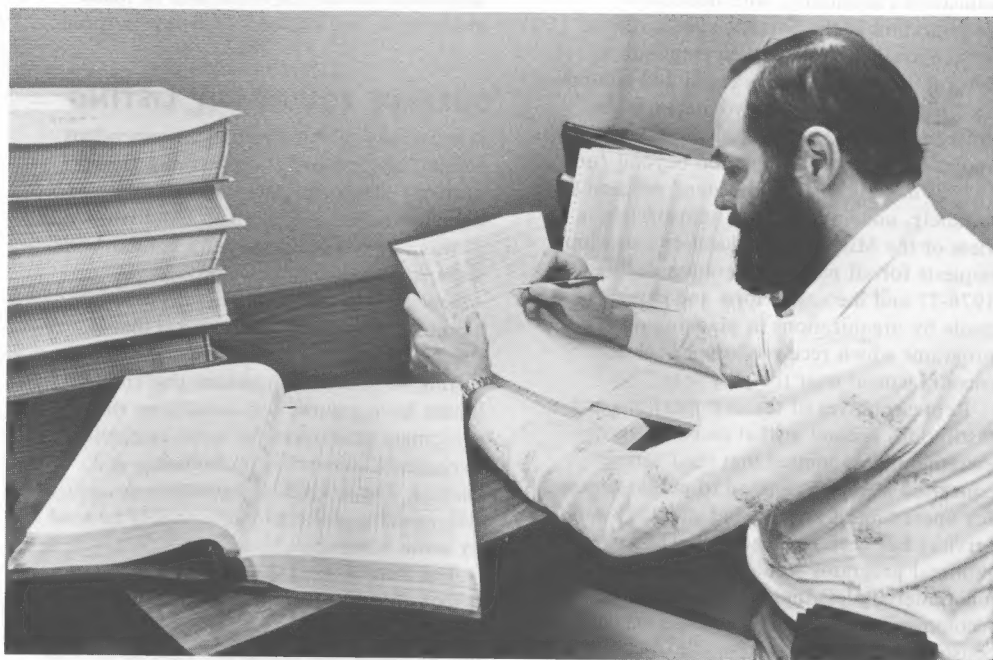
The fund will be open to all permanent members of the Faculty of Business Administration and Commerce at this University. It will provide a total of \$47,500 to be used over a four-year period for studies in management performance. Allocation will be made upon the recommendation of the Faculty's Research and Workshop Committee. The money will come from the overhead allowance included in the funds that the University will receive from the Canadian International Development Agency under the terms of a contract that was renewed by the Board. It provides for the University's assistance to the Nairobi commerce faculty.

The agreement with CIDA involves provision of staff by the Faculty of Business Administration and Commerce for the University of Nairobi, Kenya, for a four year period.

Future direction of the Faculty of Extension

The Board received for information a plan for the future direction of the Faculty of Extension. Its general objective is to provide extension services to Albertans, concentrating on, but not necessarily limited to, the northern part of the province. The Faculty will emphasize such aspects as non-degree courses, workshops, and seminars; provision of degree credit courses to part-time students at the University; and consulting services for individuals, community groups, and institutions in matters related to academic competencies and professional interests of Faculty members.

It also plans to offer training programs to



Checking to see if a particular piece of equipment is available on campus, Dave Tomlinson of the Department of Geology makes use of the Equipment Inventory. Anyone may do the same by contacting the Equipment Inventory Group of Technical Services at 432-5835.

those engaged in teaching adults and to organize and conduct continuing education programs. It will continue to lend books and provide library reference services to all rural Albertans, to carry out research and publication activities related to adult education, and to ensure that a high level of coordination and mutual support is maintained between the Faculty of Extension and other agencies operating in the province.

EXTENDED PRACTICUM REFUSED

In a 15 December letter to the Board of Teacher Education and Certification, a government-sponsored advisory body, Alberta's two education ministers effectively put a stop to hopes for provincial funding of an extended practicum. Julian Koziak and A.E. Hohol, Ministers of Education and Advanced Education and Manpower, made it abundantly clear to Board members that their long-standing proposals for implementing upgraded teacher preparation programs were unacceptable should any additional funds be required.

University faculties of education, the Alberta School Trustees' Association, and the Alberta Teachers' Association have persistently maintained that inadequacies in classroom experience requirements for teacher candidates must be corrected by practical programs extending over one semester. In response to demands from both the public and the government for quality improvements in education, the profession, the Trustees' Association, and the faculties of education cooperatively have developed programs which would enable teacher candidates to have a much longer, in-depth exposure to modern teaching methods and techniques in regular classrooms under the supervision of carefully selected professionals.

Government rejection of this highly promising and widely supported approach to improving educational standards is inconsistent with its recent pronouncements on quality education and in direct contradiction to its announced intention to proceed with plans for upgrading the quality of instruction in schools.

At a recent meeting, representatives of the

ATA, ASTA, and the three faculties of education discussed the implications of the ministers' decision that they could proceed if they so chose, but without any of the additional resources required. Observations by the group indicated that "the Ministers' action would create additional problems and stresses in the education community, with noticeable deterioration in the amount and quality of service available for teacher preparation. Several unmanageable financial and administrative problems will likely emerge at the university and school system levels because the nature of teacher participation beyond June 1977 is uncertain. The Ministers' decision was untimely, unnecessary, and unjustifiable in view of the Minister of Education's previous requests for all party cooperation during 1976-77 and the vast efforts and expenditure made by organizations in planning new programs which received at least token encouragement over the past year."

Representatives of the organizations and institutions present at that meeting were extremely disappointed that their serious concerted effort to respond to public demands for upgrading of educational standards and services has been unsuccessful. The news that minimal programs would be continued indefinitely unless these groups could finance recommended changes themselves was no consolation.

The decision of the Ministers was relayed without reasons but with an accompanying terse refusal to meet with Board members on the issue. It stated, in part, that "the guidelines for Teacher Education and Certification in respect of practical experiences will remain as they are now, that is, prospective teachers

will require one full course equivalent in practical experience. Should any Faculty of Education wish to make available to its students or require of its students an amount of practical experience in excess of that required by the guidelines for teacher certification, it is encouraged to do so. No additional earmarked funds will be made available to any university for this purpose."

SURPLUS EQUIPMENT LISTING

A university of this size uses a tremendous amount of equipment—everything from ordinary office equipment to sophisticated scientific research equipment. And while most of this equipment is used on a regular basis, there is also some that is not.

For whatever reasons, there is a certain amount of equipment on campus that is surplus. Departments often find themselves storing all sorts of equipment that they no longer have any use for: sometimes this equipment is obsolete for some particular department's purposes (though it is still useful). This surplus equipment is nevertheless still valuable and could conceivably be used by some other department.

The Purchasing Department, which is responsible for obtaining and distributing goods and services required by the University, would like to encourage University staff to get this surplus and stored equipment back into use on campus. A few years ago, departments with surplus equipment may have been reluctant to declare the equipment for sale since the revenue obtained was put back into a general fund and the department did not receive credit for it. More recently, however, a credit system was introduced. Now surplus equipment may be sold to generate money for the purchase of other equipment.

The procedure for declaring and disposing of surplus equipment is relatively simple. On declaration forms obtained from the Purchasing Department (telephone 432-3208), the department with surplus equipment declares that it has surplus equipment that it wishes to sell, trade, or give away. Depending on what the department concerned wishes to do, equipment can be declared for sale or simply for the obtaining of offers.

Once the declaration has been made, a Buyer from Purchasing may check with various departments on campus to see if they would be interested in the equipment, or the equipment may be listed in *Folio*. Interested departments then negotiate with the department that owns the surplus equipment. The two departments work out the details of the transaction themselves; the Purchasing Department simply records the transaction and arranges the transfer of funds.

If no department on campus is interested in the equipment, other institutions across Canada may be contacted to find a buyer. If no buyer can be found after this, the equipment will then be taken to the marketing agency of the provincial government where it is put up for open sale. The University cannot, it should be noted, enter into commercial transactions with staff members; University employees may buy surplus equipment only after it is turned over to the marketing agency.

If interest warrants it, a listing of available surplus equipment will become a regular feature in *Folio*. For further information, telephone Roy Bennett at 432-3208.

The following equipment has been listed by the Department of Pharmacology. The department is not so much interested in obtaining revenue as it is interested in disposing of this equipment as soon as possible. Anyone interested in any of this equipment should telephone John Folkinga at 432-3717.

Recorder, Multi-channel, Beckman R 411
Centrifuge Floor Lourdes Beta Fuge
Rotator LKB 3401B Fraction Collectio
Fumehood Fiberglass
Furnace Thermolyne 1400
Absorbance-meter Spectronic 20
Klett Photometer
Flame Photometer Eel 100
Spectrophotometer Fluo-Turner 111
Gas Flow Counter Nuclear Chicago
Accessory Gas Flow Counter C 110
Accessory Gas Time Delay Model T3
Accessory Gas Shield
Tricarb sample Oxidizer HP 305
Balance Analytical Christian Becker ED 2
Centrifuge Floor IEC CM
Microtome Sharpener AO 935
Electrophoresis Apparatus LKB 334
(3) Balances O'Haus Triple Beam
Timer Printing Nuclear Chicago

VISITORS

■ M. Grossman, Director of the Laboratoire de Optique de Corps Solide of Louis Pasteur University in Strasbourg, France, visited the Department of Physics and conducted a colloquium on "Holography and solid state physics."

PEOPLE

■ Walter Jungkind, Professor of Art and Design, has been awarded the Royal Academy of Arts Medal for 1976 in recognition of his contribution to Canadian visual arts and for his achievements as President of the International Council of Graphic Design

FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

Published every Thursday, for the Staff and interested persons by the University Publications Office. Copyright 1977

Jeanette Rothrock, Editor

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FOLIO OFFICE Telephone 432-4991
326 Assiniboia Hall, The University of Alberta
Printed by the Printing Department
Photographic lab work by Technical Services

Associations. Previous recipients of this award include Henry Moore, British sculptor. Allan Fleming, Director of Design for the University of Toronto Press. Norman McLaren, experimental film maker, and the Group of Seven (posthumously).

■ A.D. Fisher, Associate Professor of Anthropology and Educational Foundations, was the recipient of two awards at the Christmas and awards banquet of the Northern Alberta Sportscar Club. Dr. Fisher received one trophy for third place overall in Club competitions, which include road racing, ice racing, and auto slaloms; he received another trophy for second place standing in the President's Cup competition, which includes Club competition, support of Club activities, and participation in Club activities as a track worker or official.

■ Robert E. Brundin, Associate Professor of Library Science, attended a conference in Albuquerque, New Mexico, from 10 to 13 November. Among other things, the conference dealt with library networking and information referral, areas in which Dr. Brundin has special interests and teaching responsibilities.

■ M.E.P. (Betty) Henderson, Professor and former Dean of Library Science, received an Achievement Award from the Province of Alberta in recognition of her outstanding service in librarianship. Professor Henderson is past President of the Canadian Library Association and a 1975 recipient of the LLD (*honoris causa*) from the University of Prince Edward Island.

■ Howard Plewes, a first-year student in Engineering, received the Bell Northern Research Award. The award, a certificate and \$500, is given annually to five outstanding students completing Grade 13 within the range of the Carleton Board of Education in Ottawa; recipients must continue on to university and enroll in engineering, mathematics, or natural sciences. Following graduation, Mr. Plewes intends to become involved with engineering problems in the Arctic.

■ Norman Page, Professor of English, recently gave two lectures and a seminar at the University of British Columbia in connection with an exchange lectureship scheme organized between the Departments of English at UBC and the University of Alberta.

NOTICES

ADVANCED FRENCH CONVERSATION CLASS

An advanced French conversation class, to include discussion of current events, exercises in style and vocabulary, and introduction to the works of some French writers (including

Gide, Camus, and Giraudoux), is being planned for Tuesday evenings from 8:15 p.m. to 10:15 p.m. For further information or to register, telephone Nicole Kunzle, 435-4467.

FASHIONS OF INDIA

The Indo-Canadian Society of Alberta presents "Fashions of India," 20 January at 8 p.m. in the Centennial Library Theatre, 7 Sir Winston Churchill Square. Admission is \$2.50 for adults, \$1 for students and senior citizens. Tickets are available from Vicky Kapoor, telephone 474-8521 between 9 a.m. and 4 p.m., or at the door.

PATIENTS WANTED FOR ORAL PROPHYLAXIS

The School of Dental Hygiene is accepting patients for oral prophylaxis (cleaning of teeth) and applications of fluoride, for children and adults. Please call 432-4151 for an appointment.

INTERVIEWERS REQUIRED

Interviewers are required for a survey during February and March. Those having some experience will be preferred. For further information contact Cliff Kinzel of the Population Laboratory, telephone 432-4659.

SEMINAR ON CHILDREN'S LEARNING DISABILITIES

The Edmonton Association for Children with Learning Disabilities is sponsoring a seminar on "Learning Disabilities: Workable Approaches in the Classroom," 14 and 15 January beginning at 9 a.m. each morning. Guest speaker is Eddy Polak, author and lecturer. The seminar will take place in the Glenrose Hospital Auditorium, 10230 111 Avenue. For further information telephone 426-1284.

BIRTHRIGHT NEEDS VOLUNTEERS

Birthright is a pro-life organization for pregnant girls in distress. It is holding a training program for new volunteers, which emphasizes communication skills. The program begins 19 January at 8 p.m. at 9807 106 Street and runs for six evenings weekly. For further information telephone Audrey Gourley, 436-4829, or Laurie O'Neal, 422-8367.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

13 JANUARY, THURSDAY

Classics Seminar

4 p.m. "Eris in Euripides," with speaker J.R. Wilson, Department of Classics. 1-8 Humanities Centre.

Science Dining Club

6 p.m. "Scots and Scotch (pine)," with speaker W.C. Wonders, Department of Geography. Dinner following. Saskatchewan Room, Faculty Club.

Student Cinema

7 p.m. and 9:30 p.m. *Fox and His Friends* (Germany, 1975). Directed by R.W. Fassbinder. English subtitles. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

Humanities Film Society

7 p.m. *Jane Eyre*. Starring Orson Welles and Joan Fontaine. TL-11 Tory Building. Admission is \$.75.

Cinematheque 16

7:30 p.m. *The Incredible Shrinking Man* (United States, 1957). Science fiction classic. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

14 JANUARY, FRIDAY

Agricultural Engineering Seminar

2 p.m. "Alfalfa hay drying with chemicals," with speaker J.N. Tullberg, Queensland Agricultural College, Australia. 345 Chemical-Mineral Engineering Building.

Faculty Club

Downstairs. From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, tossed salad. *Upstairs*. Italian special: veal galliano, green noodles, tomato supreme, Italian salad, garlic bread, spumoni ice cream. \$5.50. Reservations required. Entertainment: Executive Branch.

Student Cinema

7 p.m. and 9:30 p.m. *The Sailor Who Fell From Grace With the Sea* (United States, 1976). Starring Kris Kristofferson and Sarah Miles. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

Cinematheque 16

7:30 p.m. *Dark Victory* (United States, 1939). Starring Bette Davis and Humphrey Bogart. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

National Film Theatre

8 p.m. *The Unholy Three* (United States, 1925). Starring Lon Chaney. Centennial Library Theatre. Admission is by membership only; series tickets available at the HUB Box Office and at the door.

Hockey

8 p.m. Golden Bears versus the UBC Thunder-

birds. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Edmonton Symphony Orchestra
8:30 p.m. Special Silver Anniversary Concert. Guests include David Hoyt, horn; Charles Hudelson, clarinet; Marlin Wolfe, violin; Nicholas Pulos, viola; David Astor, tenor. Jubilee Auditorium. Tickets available from the Symphony Box Office, 11712 87 Avenue.

15 JANUARY, SATURDAY

Gymnastics
10 a.m. U of A Invitational. Main Gymnasium. Admission is free.

Swimming
12 noon. Golden Bears versus the Edmonton All-Stars. West Pool. Admission is free.

Provincial Museum Film
2 p.m. *The Prisoner of Zenda* (United States, 1937). Starring Douglas Fairbanks Jr. and Ronald Coleman. Provincial Museum Auditorium. Admission is free.

Faculty Club
Downstairs. Saturday special: veal cordon bleu, scalloped potatoes, vegetables, Greek salad, lemon chiffon pie. \$5.50.
Upstairs. Malanka celebration: apertif, dinner, wine, dancing. \$17.50. Reservations required.

Student Cinema
7 p.m. and 9:30 p.m. *The Sailor Who Fell From Grace With the Sea* (United States, 1976). Starring Kris Kristofferson and Sarah Miles. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.
12 midnight. *Magical Mystery Tour* (United States, 1968). Starring the Beatles. Students' Union Theatre. Admission is \$1 advance and at the door. Tickets available at the HUB Box Office.

Hockey
8 p.m. Golden Bears versus the UBC Thunderbirds. Varsity Arena. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Edmonton Symphony Orchestra
8:30 p.m. Special Silver Anniversary Concert. Jubilee Auditorium. Tickets available from the Symphony Box Office, 11712 87 Avenue.

16 JANUARY, SUNDAY

Provincial Museum Film
4 p.m. and 7 p.m. *The Old Maid* (United States, 1939). Starring Bette Davis. Provincial Museum Auditorium. Admission is free.

Student Cinema
7 p.m. and 9:30 p.m. *Monty Python and the Holy Grail* (Great Britain, 1974). Starring

the members of Monty Python. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

17 JANUARY, MONDAY

Edmonton Film Society
8 p.m. *Steamboat Bill Jr.* (United States, 1927). Starring Buster Keaton. Classic Series. TL-11 Tory Building. Series tickets available at the HUB Box Office and the door.

18 JANUARY, TUESDAY

Boreal Circle Meeting
8 p.m. "Impact of development on the northern environment," with speaker Steve Zoltai, Canadian Forestry Service. CW-410 Biological Sciences Building.

Art Gallery Lecture
8 p.m. A lecture on photography with Sidney Tillim, artist and art critic from New York, and Hubert Hohn, Canadian photographer. Edmonton Art Gallery Auditorium. Admission is free.

National Film Theatre
8 p.m. *The Red and the White* (Hungary, 1967). Directed by Miklos Jancso. English subtitles. Centennial Library Theatre. Admission is by membership only; series tickets available at the HUB Box Office and at the door.

19 JANUARY, WEDNESDAY

Civilisation Series (10)
12 noon. *Eighteenth Century Enlightenment.* L-3 Humanities Centre.

Student Cinema
7 p.m. and 9:30 p.m. *A Woman Under the Influence* (United States, 1974). Directed by John Cassavetes and starring Gena Rowland and Peter Falk. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

Lecture on French Canada
8 p.m. "Une revolution sans barricades," with speaker Therese Casgrain. Salon Culturel, Collège Universitaire Saint-Jean.

French Canadian Film
8 p.m. *L'Acadie, L'Acadie* (Canada, 1971). By Michel Brault and Pierre Perrault. A film about Acadians in Moncton in 1968-69. Collège Universitaire Saint-Jean Auditorium.

Art Gallery Lecture
8 p.m. A lecture on aspects of modern realist painting with Sidney Tillim. Edmonton Art Gallery Auditorium. Admission is free.

20 JANUARY, THURSDAY

Civilisation Series (10)
12:30 p.m. *Eighteenth Century Enlightenment.* L-3 Humanities Centre.

Plant Science Seminar
3:30 p.m. "Australian agriculture and plant protection," with speaker D.S. Teakle, University of Queensland. 327 Agriculture Building.

Biochemistry Seminar
4 p.m. "Recent studies of the synthesis and secretion of procollagen and its conversion to collagen," with speaker Paul Bornstein, University of Washington. Seattle. 231 Medical Sciences Building.

Humanities Film Society
7 p.m. *Great Expectations.* Starring John Mills and Valery Hobson. TL-11 Tory Building. Admission is \$.75.

Cinematheque 16
7:30 p.m. *Morocco* (United States, 1930). Starring Gary Cooper and Marlene Dietrich. Downstairs. Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Concert
8 p.m. Humphrey and the Dumptrucks. Students' Union Theatre. Admission is \$5 advance and \$6 at the door. Tickets available at Mike's and the HUB Box Office.

Guild for Mediaeval and Renaissance Studies
8:15 p.m. "The Vikings and the persistence of culture in northern and western Europe," with speaker Helen Liebel-Weckowicz, Department of History. 3-19 Humanities Centre.

21 JANUARY, FRIDAY

Faculty Club
Downstairs. From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, tossed salad.

Upstairs. Spanish special: gazpacho, toast maffalda, roast duck with Seville sauce, rice, nutcakes with whipped cream and glacé cherries. \$5.50. Also lobster, \$12.50, and regular dinner menu. Reservations required.

Basketball
6:30 p.m. Pandas versus University of Saskatchewan.
8:30 p.m. Golden Bears versus the University of Saskatchewan Huskies. Main Gymnasium. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Cinematheque 16
7:30 p.m. *The Battle of Algiers* (Algeria/Italy,

1965. English subtitles. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Concert

8 p.m. Dionne Warwick. Jubilee Auditorium. Tickets available at the Bay Box Office, telephone 424-0121.

National Film Theatre

8 p.m. *Little Caesar* (United States, 1930). Starring Edward G. Robinson and Douglas Fairbanks Jr. Centennial Library Theatre. Admission is by membership only; series tickets available at the HUB Box Office and at the door.

22 JANUARY, SATURDAY

Provincial Museum Film

2 p.m. *Ivanhoe* (Great Britain, 1952). Starring Robert Taylor and Elizabeth Taylor. Provincial Museum Auditorium. Admission is free.

Faculty Club

Downstairs. Saturday special: chicken Kiev, Russian salad, rice, vegetables, strawberry almond flan. \$5.50.

Upstairs. Robbie Burns night: Haggis, Scotch broth, prime rib of beef, skirlie, neeps, tatties, Scottish cheeses, scones, Highland soufflé. \$8.50. The evening features Piping in the Haggis with J. Fryer, Scottish dancing by the University Scottish Dance Club, and the Address to the Haggis by R. Grant. Reservations limited. Entertainment: Gordon Schmidt Band.

Student Cinema

7 p.m. and 9:30 p.m. *The Man Who Fell to Earth* (Great Britain, 1976). Starring David Bowie. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

EXHIBITIONS AND PLAYS

Provincial Museum

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

Continuing. "Steam Power in Alberta," a permanent display, including a steam hoisting engine and a steam boat engine used in Alberta at the turn of the century, illustrating steam power at work in transportation, farming, and industry. Theme Gallery.

To 14 January. "Traditional Ukrainian New Year's Eve," a display of Ukrainian costumes worn at New Year's celebrations, 13 January according to the Julian calendar. West Alcove.

To 31 January. "A Parliament of Owls," an exhibition of paintings, drawings, and

specimens of species of owls found in Alberta. Feature Gallery 2.

To 16 January. "Play's the Thing," an exhibition of home-made toys created from everyday materials. From the National Museum of Man. Feature Gallery 3.

From 21 January. "Material Culture of New Guinea," a collection, from the Devonian Group, of ethnological artifacts from New Guinea and surrounding islands, including masks, shells and decorative ornaments used by the Tamboran and Yam cults. Feature Gallery 3.

To 23 January. "Small World of Toys," a nostalgic exhibition featuring a century of toys of all types. Feature Gallery 1.

Rutherford House

Continuing. The House, 11153 Saskatchewan Drive, is furnished in its original manner. Admission is free. Saturday and Sunday, 12 noon to 6 p.m. Tours by appointment, telephone 427-3995 weekends, 427-5708 weekdays.

University Art Gallery

To 27 January. "The Department of Art and Design Faculty Show," featuring works by members of the University Department. Gallery hours: Tuesday and Wednesday 11 a.m. to 4 p.m., Thursday 11 a.m. to 9 p.m., Sunday 2 p.m. to 5 p.m.

Students' Union Art Gallery

To 21 January. "The Department of Art and Design Faculty Show," featuring works by members of the University Department. Gallery hours: weekdays 12 noon to 6 p.m., weekends, 2 p.m. to 5 p.m.

Edmonton Art Gallery

To 30 January. "Navajo Blankets," thirty-two blankets from the collection of Anthony Berlant. The blankets, of rich and varied geometric design, were highly prized for their beauty by the Navajos themselves, other tribes, and Spanish contemporaries, and they are recognized today as precursors of contemporary abstract art.

To 15 February. "Jack Bush: A Retrospective," an exhibition of works by the major Canadian artist. Official opening 14 January, with the artist in attendance.

Northern Light Theatre

To 29 January. David Watmough, mono-dramatist, plays a multitude of parts, including that of the narrator, in a play for one actor. Downstairs, Edmonton Art Gallery. Performances are at 12:10 p.m. Tuesday through Friday with extra performances at 1:10 p.m. Thursday and Friday. Saturday performances at 7:30 p.m. and 9 p.m. Admission is \$2 for weekday performances, \$1 for senior citizens, and \$2.50 for all Saturday performances.

Citadel Theatre

To 15 January. Peter Shaffer's *Equus* featuring Kenneth Haigh and Ian Dekin. Directed by Kurt Reis. The Shoctor Theatre of the Citadel complex.

To 22 January. Beverly Simon's *Crabdance*, directed by Malcolm Black. In the Rice Theatre of the Citadel complex.

From 22 January. *Oh Coward!* Words and music by Noel Coward. Devised and directed by Roderick Cook and featuring Diane Stapley. In the Shoctor Theatre of the Citadel complex. For ticket information contact the Theatre Box Office, 10018 102 Street.

NON-CREDIT COURSES

INTRODUCTORY COURSE ON MENTAL RETARDATION

The Centre for the Study of Mental Retardation is offering an evening and weekend lecture-workshop to introduce mental retardation to parents, foster-parents, group home workers, and volunteer, novice, and non-professional personnel working with the retarded.

The program reviews the causes, characteristics, and classification of mental retardation; the principles of normalization; the medical aspects of retardation; learning and developmental characteristics; behavior management techniques; programming for growth; and social, emotional, and recreational development. In addition, a full-day tour will be made of various community facilities for the retarded. Lectures, workshops, discussion groups, and films will emphasize practical understanding and techniques for working with the retarded.

Classes begin on 18 January from 7 p.m. to 9:30 p.m. and will continue at the same time on 20 January and 8, 10, 15, 17, 22, and 24 February; classes on 12 February will be held from 9:30 a.m. to 12 noon and those on 19 and 21 February from 9 a.m. to 4 p.m. While the course is not meant to be used for University credit, a certificate may be obtained for its successful completion. The cost of the course, \$20 single and \$30 married couples, includes all course materials.

To register contact the Centre for the Study of Mental Retardation, 6-123 Education North, telephone 432-4439 or 432-4505.

USE OF TERMINALS

As an introduction to the use of computer terminals, this course includes practice in procedures for signing on to the system (MTS), information storage, and manipulation.

The course will be offered 9 a.m. to 11 a.m., 18 January to 20 January, and again

folio accepts display advertising

Size and rates: the basic unit size is 45 agate lines x 15 picas (3¼" x 2½"). The full page is divided into 9 such units, any combination of which is available at a cost of \$20 per unit. Half pages cost \$100. A professional/business card unit (2½" x 1½") is available at a cost of \$12. Discounts are offered for extended runs; please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is preferred; there is a charge of 15c per word for typesetting, and \$5 per line for design of work which is not camera ready. Deadline for submission is one week prior to publication (Thursday, 4 p.m.) for camera-ready copy; 10 days for all other advertising copy. Positioning is at the discretion of the editor.

Contact: Richard Kerr or Esther Fraser, 326 Assiniboia Hall, The University of Alberta; telephone 432-4991.

8 February to 10 February. It is open to all interested persons and registrations are accepted at the Computing Services General Office, 352, General Services Building. There is no charge.

INTRODUCTION TO TEXT EDITING AND FORMATTING

This course involves the use of the file editor and *FMT program to edit texts and format manuscripts. It could be of use to students and members of staff (both non-academic and academic) wishing to use the MTS computing system to edit and produce papers, articles, theses, books, and other documents. Adequate computer time will be provided for students to do meaningful exercises. Use of Terminals is a prerequisite.

This course will be offered on Mondays, 2 p.m. to 4 p.m., 31 January to 28 February, and again 7 March to 4 April. There is a nominal fee of \$10 (\$20 for commercial clients). For further information telephone 432-2261.

NEGOTIATING AND ADMINISTERING COLLECTIVE AGREEMENTS

Negotiating and administering collective agreements will be examined in a ten-session evening course beginning 3 February. The course will aid in preparing negotiating personnel for collective bargaining and will assist all those involved in administering a collective agreement.

Among the topics to be covered are the legal framework, the parties to a collective agreement, collective agreement contents, labour economics, and rules and discipline.

The course will be held from 7 p.m. to 9:30 p.m.. The fee is \$75 including materials and textbook. Registrations are accepted in 228 Corbett Hall. For additional information telephone 432-5066.

MANAGEMENT OF PERSONAL FINANCES

How to manage the money you have to your best advantage will be discussed in detail in this course. The topics include the role of personal finance, personal and family budgeting, consumer credit, investments, insurance principles and applications, will and estate planning, income tax overview, small business operations, and consumer behavior.

The course will be held for twelve Wednesdays beginning 2 February from 7 p.m. to 9:30 p.m. Registrations are accepted in 228 Corbett Hall. The fee is \$55 including materials. For additional information telephone 432-5067.

MINI-COMPUTERS

A three-day seminar on mini-computers will be held from 23 to 25 February. The seminar has been designed to provide a thorough understanding of small computers and

microprocessors at all levels. To further reinforce classroom computer experience, demonstrations of mini-computer and microprocessor application in research facilities will be given.

Additional details on this seminar are available by calling 432-5066. Registrations are accepted in 228 Corbett Hall. The fee is \$150 including materials and luncheons. The registration deadline is 14 February.

INDIVIDUAL INCOME TAX RETURNS

The Federal Income Tax Law as it applies to individuals and the preparation of individual income tax returns will be discussed in a course that begins 27 January. The course will be held on Tuesdays and Thursdays from 7 p.m. to 9:30 p.m. for six sessions.

Topics to be covered in this course are income from an office or employment, pension income, income from self-employment, income from other sources, deductions from total income, deductions from net income, and computations of federal and provincial tax.

Registrations are accepted in 228 Corbett Hall. The fee is \$45 including materials. Additional information is available by calling 432-5066.

SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

Thailand Fellowship (UNESCO Program)

Donor: Association of Universities and Colleges of Canada. *Where tenable:* Chulalongkorn University, Kasetsart University, Thammasat University, Mahidol University, Behavioral Science Research Institute, and Silpakorn University. *Level of study:* Graduate. *Field of study:* Open. *Value:* Approximately \$1,000 per annum. *Number:* Six are offered world-wide. *Duration:* One year. *Conditions:* Applicants must be Canadian citizens and must hold at least a bachelor's degree. There is no age limit. A good knowledge of either English or Thai is required. Students must return to their own countries on completion of their studies. *Closing date:* 31 January. *Further information and application forms should be requested from:* Awards Officer, International Programs, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1.

IAC Scholarship

Donor: Roads and Transportation Association of Canada. *Where tenable:* Canada. *Level of study:* Post-graduate. *Field of study:* Transportation. *Value:* \$2,000. *Number:* One. *Duration:* One year. *Closing date:* 1 February 1977. *Further information and application forms should be requested from:* Roads and Transportation Association of Canada, 1765 St Laurent Boulevard, Ottawa K1G 3V4.

Government Visiting Fellowships

Donor: Department of the Environment. *Where tenable:* Communications Research Centre, Shirley Bay, Ontario. *Level of study:* Graduate. *Field of study:* Communications. *Value:* \$12,000 per annum plus travel expenses. *Duration:* twelve months. *Number:* Variable. *Closing date:* 31 January. *Further information and application forms should be requested from:* Student Awards Office, 219 Central Academic Building.

Finnish Government Scholarships

Donor: Association of Universities and Colleges of Canada. **Where tenable:** Finland. **Level of study:** Post-graduate. **Field of study:** Open. **Value:** 900 to 1600 Finnish marks per month. **Number:** Three. **Duration:** Up to nine months with possibility of renewal. **Conditions:** Applicants must be Canadian citizens who have obtained a first degree from a Canadian University. They must have a working knowledge of English, German, Finnish, or Swedish. Applicants who have followed a professional career for several years after termination of their studies as well as those who are more than thirty-five years of age are not eligible. The scholarship may not be held concurrently with other awards. **Closing date:** 31 January. **Further information and application forms should be requested from:** Director, International Programs, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1.

Allied Chemical Scholarship

Donor: Roads and Transportation Association of Canada. **Where tenable:** Canada. **Level of study:** Post-graduate. **Field of study:** Transportation. **Value:** \$3,000. **Number:** One. **Duration:** One year. **Closing date:** 1 February. **Further information and application forms should be requested from:** Roads and Transportation Association of Canada, 1765 St Laurent Boulevard, Ottawa, Ontario K1G 3V4.

RESEARCH GRANTS

Granting Agencies: Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. In order to allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time requirement may be much longer than ten days and such applications should therefore be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes and Centres, and Department Chairmen, or by telephoning the Research Grants and Contracts Office, 432-5360. Note: Although the Calendar is updated on a continuous basis, the following information could be subject to change without notice. If staff members have advanced information on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised.

Code: (R) Research funds; (E) Exchange programs; (T) Travel grants.

Calendar source number	Code	Granting agency	Deadline date
(25)	R	American Philosophical Society	6 Feb 9 Apr. 8 Oct. 9 Dec. 15 Feb.
(145)	R	Department of Labour—University Research Program	28 Feb.
(215)	R	International Development Research Centre—Research Associate Award	28 Feb.
(260)	R	Muscular Distrophy Association of Canada	28 Feb.
(420)	R	United States Department of Health, Education and Welfare	1 Feb. 1 June 1 Oct. 1 Mar. 1 July 1 Nov.
		Renewals	
		New and Supplemental	

POSITIONS VACANT

NON-ACADEMIC STAFF POSITIONS

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 7 January 1977.

Clerk Typist I (\$540-\$649)—Housing and Food Services; Physics
Clerk Typist II (\$578-\$700)—Housing and Food Services; Parking Services; Computing Services; Political Science; Agricultural Engineering; Provincial Laboratory
Duplication Operator I (\$578-\$649)—Faculty of Law
Duplicating Operator I (\$578-\$649, term)—Faculty of Business Administration and Commerce
Office Services File Clerk (\$578-\$649)—Office of the Registrar
Clerk Steno II (\$578-\$649)—Faculty of Extension
Clerk Steno III (\$672-\$817)—Obstetrics and Gynaecology; Faculty of Dentistry; Faculty of Extension; Mechanical Engineering; Zoology; Faculty of Business Administration and Commerce; Chemistry
Medical Steno (\$726-\$926)—Surgery
Secretary (\$756-\$926)—East European Studies; Office of the Comptroller

Secretary (\$756-\$926, trust)—Cancer Research Unit
Departmental Secretary (\$847-\$1,043)—Ophthalmology
Administrative Clerk (\$786-\$964)—Purchasing
Laboratory Assistant I (\$360 per month, three-fifths time, trust)—Cancer Research Unit
Technician I (\$786-\$964)—Immunology
Curriculum Technician I (\$786-\$964)—Industrial and Vocational Education
Graphics Technician I (\$786-\$964)—Chemistry
Electron Microscope Technician II (\$887-\$1,093)—Microbiology
Computer Operator II (\$887-\$1,093)—Computing Services
Audio and Video Technician II (\$964-\$1,191)—Health Sciences Audio-visual Education
Technologist II (\$1,005-\$1,244)—Surgery
Programmer Analyst II (\$1,005-\$1,244)—Educational Research
Machinist Technician III (\$1,048-\$1,298)—Technical Services
Programmer Analyst III (\$1,244-\$1,547)—Computing Services

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further availability.

Bookkeeper I (\$600-\$726)—Administration
Library Clerk III (\$649-\$786)—Cataloguing
Clerk Steno III (\$672-\$817)—Out-of-Print
Library Assistant I (\$700-\$852)—Cataloguing; Reading Room

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation Available

Selling—three-bedroom west-end townhouse, end unit; carport. Near freeway. Low monthly payments. \$47,500. 487-2529.

For sale—1,296 square-foot, three-bedroom bungalow; professionally landscaped, fenced crescent lot, north Mill Woods; 1½ baths, fireplace. Better than average construction and interior finish. Heated garage. \$30,000 first mortgage at 10 percent. No agents. 462-1971.

For sale—Hillside style home on 3.5 fully treed acres,



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Will do large residential areas, acreages, or commercial properties.
Special rates for extra large areas.
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Res 436-0040

southeast of Edmonton. 95 percent completed, long curving driveway, cedar shakes, cathedral entrance, curved staircase, two fireplaces, vacuum system, underfloor heating in lower floor, four bedrooms, full-length family room, bow window, patio doors, full-length deck and veranda. Leaving Edmonton. Doug Ausman, 453-3511 or 424-4894, or Frank Hull, 921-3670.

Sale by owner—two-bedroom bungalow, ten minutes from University; single garage, finished basement, large, treed lot. \$52,900. 484-7526.

Fifteen minutes to campus. Sherwood Park. Take over \$60,600 mortgage with no qualifications on this large eight-room home built by contractor for himself; large lot near natural lake, woods, and school. Approximately 1,800 square feet; four bedrooms, two baths, large family room; custom mahogany cabinet work and upgraded carpet throughout. 464-0576.

Synergen Continuing Housing Cooperative invites prospective members for units to be built in Mill Woods in 1977. For further information, telephone 475-7886 or 435-5506, 6-9 p.m.

For rent—three-bedroom unit Hearthstone Condominium Riverbend. Easy access University. High-quality professional type. Available immediately. Rent \$500. Telephone 439-0124 or 436-8275.

For sale—Brander Gardens: split-level, 1,800 square feet; family room, fireplace; double front-drive garage; professionally landscaped, large trees. Immediate possession if required. \$114,500—offers. For information, and to view, telephone owner: 432-6344 days; 434-6769 evenings.

For rent—1 January. Basement suite, carpeting, wall-panelling; utilities included. Direct bus to University. 10843 67 Avenue. 434-5118.

For sale—Patricia Heights two-storey ideal family home. Immaculate condition. Four bedrooms, three bathrooms; sunken family room off kitchen and dinette; main floor laundry room. Professionally finished English Tudor recreation room; stained cedar and beams; many built-in features; 14 x 16 den. Artistically landscaped and fenced. A complete house. \$116,500. 487-4222.

Attention University personnel. Several quality properties all located near University, schools, and recreation areas. Grandview: split-level, 2,030 square feet, large library, cozy family room, two log-burning fireplaces, custom cabinets throughout, four bedrooms; exceptionally large lot and 32-foot swimming pool. Aspen: 1,080-square-foot bungalow, fully developed, tasteful decor, top quality finishing; four bedrooms; partial view of ravine from deck. Petrolia: two-storey, approximately 1,475 square feet, moderately priced, four-bedroom family-style home. Finished basement family room, 1½ baths, breezeway plus double garage. Barbara Allen, 434-0729, 426-5880 page 666; or Pat von Borstel, 434-4939. Business: 436-5250. Spencer Real Estate Ltd.

For sale—just constructed, luxurious 2,742-square-foot home; panoramic view on 1½ acres, ten miles from city limits. Numerous features include: four large bedrooms. 2½ bathrooms, spacious family room opening to large sun-deck, open fireplace, two-door attached garage, total intercom-stereo system, oak kitchen cupboards, complete water-sewer system, framed basement. Choose your own flooring. Telephone 475-5331. Private sale; no agents.

Cottage—Lac La Nonne, large waterfront view lot. Winterized. 436-4513 evenings.

For rent—two-storey four-bedroom: 1,950 square feet, 2½ baths, family room, fireplace, double garage. Primrose district. One year from 1 April. 487-4077.

Moving to Australia. 1,150-square-foot bungalow, University area; large landscaped lot; three or four bedrooms; completely remodelled; plush carpeting; partially developed basement. Telephone

433-5577. 10502 74 Ave.

For sale—large 1,650-square-foot four-bedroom two-storey older home; completely redecorated interior. Close to University. 9845 89 Avenue. Telephone 433-5239.

For rent—three-bedroom bungalow; finished basement with two bedrooms; 2½ baths; semi-furnished. Very close to all amenities. South side (Duggan). Immediate possession. Short/long-term lease. Telephone 434-6127; business: 477-4282.

Accommodation Wanted

Wanted—furnished accommodation for visiting professor and family. One year from June or 1 July 1977. A.S. Russell, 436-0423, 432-6296.

Male, nonsmoker, seeks similar to share new three-bedroom house St. Albert. \$225 month. 458-2341 evenings.

Wanted to rent—two-bedroom apartment or house for Commonwealth scholar from Cambridge University. May to November 1977. Telephone 432-4403; evenings, 434-5608.

Wanted—two-bedroom furnished apartment or house near University for Japanese Professor and family. From April to winter period. Telephone J.S. Nelson, 432-4741 or 432-3308 with message.

Automobiles and Accessories

Anyone interested in buying new GM, telephone Gil Chorney, 488-7211. Edmonton Motors. 1975 Monte Carlo, 16,000 miles; excellent condition; radio, eight-track. \$4,875 or nearest offer. 436-7650.

Goods and Services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Antiques from England for sale. Tables, chairs, buffets, bookcases, stools, dolls, clocks, porcelain, art-glass, commemoratives, Oriental porcelain, pictures, gifts, collectables. Mary Goulden Antiques, corner of 109A Avenue and 135 Street. Thursdays, Fridays, Saturdays, 10 to 5. 452-0397.

Firewood—\$3 per trunk load. 454-7545.

Nutri Metic Cosmetics representative. Telephone Irene, 432-5684; evenings, 439-2406.

Shanghai House Mandarin Restaurant. Peking, Shanghai food—200 dishes. Peking duck—order in advance. Fire pot. Delicious, inexpensive. Monday through Friday, 4 p.m. to 10 p.m. Saturday and Sunday, 11 a.m. to 11 p.m. 6525 111 Street. 435-7622.

For buying reconditioned typewriters and for typewriter repairs, telephone Sun Typewriter Services. 476-9418.

Your own brand new limited company. \$250. 24-hour service. Bizecon International Limited. 5821 118 Avenue. 474-0782.

University of Alberta Employees' Savings and Credit Union—now offering term deposits: 9 percent per annum on one-year deposits (at least \$500); 9½ percent per annum on three-year term (minimum deposits of \$1,000). Telephone today for information on this new Credit Union service. 432-3256, Tuesdays-Thursdays, 2:30-4:30 p.m.

Handyman carpentry services. Telephone John, 434-9709 evenings.

Professional typing. Evenings. 477-3236; days 477-5540. Now RATT in SUB offers Breakfast! Bacon (ham), eggs, toast, coffee, \$1.59. 8-10:30 a.m.

A graduate student in Drama or English is needed to edit and re-write a script with scenes, dialogues, and sound-track information. Remuneration on a contract basis. Telephone 434-3961.

Child's size two ski boots, \$15, and skis, \$10. Boy's goalie mask, \$10. Lady's ski suit, size 16, \$25. 483-4967.

Poodle clipping. South side. For appointment telephone Marie, 433-2359 after five.

Aspen Salon de Conversation Française—conversational French class: language and literature. Telephone 435-4467.

Birch firewood. \$95 cord delivered. Telephone 465-7773 evenings.

Refined young Francophone girl wants to learn English—seeks Anglophone family. 474-1915.

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Buy one steak dinner for \$2.99

GET AN EXTRA DINNER FOR \$1.00

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Includes baked potato, salad and choice of dressings, and crispy garlic bread.

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